



## Development Proposal – STYDOTRAVEL Native Mobile Application

### 1. General Overview

The STYDOTRAVEL platform aims to provide students, parents, and educational institutions with access to a modern and intuitive mobile solution that facilitates the discovery, application, and management of cultural, linguistic, and academic exchange programs. The project involves developing a native mobile application (iOS and Android) in React Native, accompanied by a backend system, an administrator space, document management, and a communication module.

### 2. Project Objectives

- Develop a high-performance, easy-to-use native mobile application.
- Implement centralized management of programs, applications, and documents.
- Provide a seamless experience for users (students and families).
- Integrate robust features: payments, notifications, chat, itineraries.
- Provide a complete back office for the STYDOTRAVEL team.
- Prepare the application for publication on Google Play and the Apple App Store.



### 3. Functional Structure of the Project

The application will include:

- Authentication (email, password) and role management (student, parent, administrator).
- Complete program catalog with filters, search, and favorites.
- Program detail page.
- Application module with forms and document upload.
- User area (profile, documents, applications, history).
- Online payment for services and fees.
- Integrated support chat.
- Email and push notifications.
- Customized itinerary module with PDF export.
- Administrator dashboard for total content management.

### 4. Development Plan and Phases

Phase 1 – Study & Design (Duration: 1 to 2 weeks)

- Complete functional analysis.



- Drafting of detailed specifications.
- Definition of user journeys.
- Overall technical architecture.
- Database modeling.
- UX/UI design (wireframes).

Estimated cost:

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#### Phase 2 – Mobile Core & Backend Development (Duration: 2 to 4 weeks)

- Implementation of the React Native mobile project.
- Implementation of the backend.
- Development of the authentication system.
- Program module: creation, display, filters, favorites.
- Detailed program page.
- Application module + document upload.
- User area.



- Administrator dashboard (v1).

Estimated cost:

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Phase 3 – Payments, Chat & Itineraries (Duration: 2 to 4 weeks)

- Payment integration.
- Implementation of live chat.
- Implementation of push/email notifications.
- Custom itinerary module.
- PDF export of itineraries.
- UI/UX improvements.

Estimated cost:

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Phase 4 – Testing, Optimization & Publication (Duration: 1 to 2 weeks)

- Functional and technical testing.
- Bug fixes.



- Security and performance optimization.
- Preparation and creation of builds.
- Publication on app stores (iOS and Android).
- Technical documentation and internal training.

Estimated cost:

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## 5.External Technical Costs (to be covered by the Customer)

- Google Play Store publication fees: \$25
- Apple App Store publication fees: \$99
- Backend hosting: \$0 to \$25/month (depending on provider)
- Database (MongoDB or equivalent): \$12–\$30/month
- Email services (e.g., SendGrid): \$20–\$25/month
- Push notifications: included in Apple's \$99/year fee
- Mapping services: free for up to 50,000 requests/month/Beyond that → \$5 to \$20 on average for a standard app
- Documents & file storage: €5 to €15/month is more than enough for an MVP



- Payment fees (depending on platform): European cards → 1.4% + \$0.25, Outside the EU → 2.9% + \$0.25

## 6. Additional options

- Virtual tour module (AR).
- Travel insurance comparison tool.
- Gamification system (points, badges).
- Partner affiliate system.
- Automatic multilingual translation.
- AI program recommendations.
- Advanced messaging space.
- Advanced smart notifications.

## 7. Maintenance & Support

- Basic Support: fixes and general assistance
- Standard Support: fixes + minor upgrades
- Premium Support: continuous upgrades + monitoring



## 8. Conclusion

This document presents a comprehensive proposal for the design, development, production launch, and evolution of a native STYDOTRAVEL mobile application.

The stages are designed to ensure professional, progressive, and controlled delivery.

The exact costs will be defined during the final validation of the functional scope.